



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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Washington, D.C. 20231

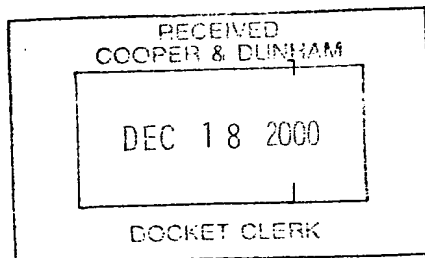
JPh

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTY. DOCKET NO.
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09/362394

12/14/2000

Inventor to Furnish SL: 1/14/2001  
SL Ext: 2/14/2001  
SL Ext: 3/14/2001  
SL Ext: 4/14/2001  
SL Ext: 5/14/2001  
SL Deadline: 6/14/2001 Sme



EXAMINER
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ART UNIT	PAPER NUMBER
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Received

DATE MAILED:

Please find below and/or attached an Office communication concerning the above identified application.

Commissioner of Patents and Trademarks

The communication filed 10/18/00 is not fully responsive to the Office communication mailed 9/20/00 for the reason(s) set forth on the attached Notice To Comply With The Sequence Rules or CRF Diskette Problem Report. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132.

Since the above-mentioned reply appears to be a *bona fide* attempt to comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825), applicant is given a TIME PERIOD of **ONE (1) MONTH** from the mailing date of this communication within which to correct the deficiency so as to comply with the sequence rules (37 CFR 1.821 - 1.825) in order to avoid abandonment of the application under 37 CFR 1.821(g). EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Donna C. Wortman, Ph.D.  
Primary Examiner

December 11, 2000

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE  
DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☒ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☐ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support (SIRA)

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE**

*Jordan* *1648*

**CRF Problem Report**

The Scientific and Technical Information Center (STIC) experienced a problem **RECEIVED**  
when processing the following computer readable form (CRF):

Application Serial Number: 09/362,394

Filing Date: 7/28/1999

Date Processed by STIC: 11/16/2000

STIC Contact: Mark Spencer, 703-308-4212

**Nature of Problem:**

The CRF (was):

- ☐ (circle one) Damaged or Unreadable (for Unreadable, see attached)
- ☐ Blank (no files on CRF) (see attached)
- ☐ Empty file (filename present, but no bytes in file) (see attached)
- ☐ Virus-infected. Virus name: \_\_\_\_\_ The STIC will not process the CRF.
- ☐ Not saved in ASCII text
- ☐ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should **only** be the Sequence Listing.
- ☒ Did not contain a Sequence Listing. (see attached sample)
- ☐ Other: \_\_\_\_\_

**PLEASE USE THE CHECKER VERSION 3.0 PROGRAM TO REDUCE ERRORS.  
SEE BELOW FOR DETAILS:**

**Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**  
**<http://www.uspto.gov/web/offices/pac/checker>**

Dr. Man

09/362,394  
filename: 56972.prj

-- CProject --

CProjectData WDETECTION OF HUMAN HEPATITIS B VIRUS SURFACE ANTIGEN MUTANTS  
BY SPECIFIC AMPLIFICATION AND ITS APPLICATION OF GENE CHIP 56972/JPW/SHS/MVM  
09/362,394  
1999-07-28 SC:\Program Files\USPTO\Patent-In 3.0

RECEIVED

NOV 28 2000

CDNASequence

SEQ ID NO: 1!Wild type human Hepatitis B virusItacggacaga aact  
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SEQ ID NO:2!Wild type human Hepatitis B  
virus ttagggtttaaatctataccc agctrymkswbdhvn DNA  
?  
SEQ ID NO:3!Wild type human Hepatitis B virus

TECH CENTER 1600/2900

sample of submitted file. Per 1.824 of  
Sequence Rules, all Sequence Listings  
must be in ASCII text format.

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/362,394	07/28/99	00N	C 56972/JPW/AK

JOHN P. WHITE ESQ  
COOPER & DUNHAM LLP  
1185 AVENUE OF THE AMERICAS  
NEW YORK NY 10036

HM22/1214

EXAMINER

WORTMAN, D

ART UNIT PAPER NUMBER

1648

DATE MAILED:

12/14/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

## SEQUENCE LISTING

<110> Oon, Chong-Jin, et al.

<120> DETECTION OF HUMAN HEPATITIS B VIRUS SURFACE ANTIGEN MUTANTS BY SPECIFIC AMPLIFICATION AND ITS APPLICATION OF GENE CHIP

<130> 56972/JPW/SHS/MVM

<140> 09/362,394

<141> 1999-07-28

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*Becontd.  
concl'd.*  
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